8 Bit MCU, AVR Family ATtiny81 Series Microcontrollers, 20 MHz, 8 KB, 512 Byte, 14 Pins, SOIC

Manufacturers	Microchip Technology, Inc
Package/Case	SOIC-14
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for ATTINY814-SSNR or Email to us: sales@ovaga.com We will contact you in 12 hours.　　RFQ

General Description

The ATtiny814microcontroller featuring the 8-bit AVR® processor withhardware multiplier - running at up to 20MHz and with 8KB Flash,512B SRAM and 128 bytes of EEPROM in a 14-pin package. The seriesuses the latest Core Independent Peripherals with low power features. Including Event System, intelligent analog and advancedperipherals. Capacitive touch interfaces with proximity sensing and drivenshield are supported by the integrated QTouch® peripheral touchcontroller.

Additional Documents

Features

8-bit high-performance AVR RISC CPU

Hardware multiplier

Three sleep modes:

Idle

Standby

Power Down

Event System

Watchdog Timer (WDT)

Power-On Reset (POR)

Brown-Out Detection (BOD)

Single pin programming and debugging interface (UPDI)

Analog Features

12 Channel 10-bit ADC with Voltage Reference

8-bit Digital to Analog Converter (DAC)

Comparators

Timing/Waveform/Measurement Control

Configurable Custom Logic (CCL)

1x 12-bit Timers (TCD)

2x 16-bit Timer (TCA / TCB)

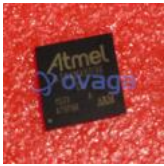Cyclical Redundancy Check (CRC/SCAN)

Communication

Peripheral Touch Controller (PTC)

6 channels self-capacitance

9 channels mutual-capacitance

SPI / I2C / USART

Related Products

ATSAMA5D36A-CU

Microchip Technology, Inc

LFBGA-324

ATMEGA32M1-AU

Microchip Technology, Inc

TQFP-32

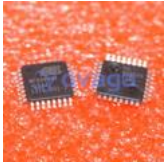**ATXMEGA128D3-AU**

Microchip Technology, Inc

TQFP-64

ATTINY2313V-10SU

Microchip Technology, Inc

SOIC-20

ATMEGA64M1-15AZ

Microchip Technology, Inc

TQFP-32

ATMEGA16L-8PU

Microchip Technology, Inc

PDIP-40

ATTINY48-MU

Microchip Technology, Inc

VQFN-32

ATTINY4-TSHR

Microchip Technology, Inc

SOT-23-6